

BUTANE-PROPANE *News*

INDEX TO VOLUME IV

January Through December, 1942

Vol. V, No. 1

January, 1943

In Two Sections . . . Part 2

Western Business Papers, Inc., Publisher
1709 West Eighth Street, Los Angeles, California

INDEX TO VOLUME 4

January Through December 1942

A		Page	Authors—Continued		Page
A.G.A. Testing Laboratories			Anderson, Peter A., Our Brother's KeeperMay		7
A.G.A. Approval Committee Adopts Two Standards	Jan.	94	Bach, George W., Never Say Die!.....Mar.		25
A.G.A. Grants Extension for Approvals Expiring in 1942	Feb.	98	Baden, W. A., Is LP-Gas Available?	Dec.	6
A.G.A. Laboratories Test Air Conditioning Equipment	Sept.	18	Beaulieu, C. B., Propane Replaces Gasoline in Evaporated Milk Plant.....Jan.		42
A.G.A. Provides Gas Industry With War Protection Manual	May	58	Brennan, G. L., LP-Gas Industry Development	Dec.	25
A.G.A. Publications List for 1942 Now Available	Sept.	40	Burrell, Geo. A., How Are We Building? A Message for 1942.....Jan.		19
A.G.A. Testing Laboratories Issue 1942 Directory	March	92	DeLarzelere, Frank P., Your Business After the War Hinges Upon Your Plans Now	Feb.	58
American Gas Association Annual Convention Cancelled	July	66	Donaldson, C. L., Show Your Best Model First	Sept.	22
Laboratories Engineers in the Armed Forces	August	52	Dotson, George W., How Cylinders Are Retested	Oct.	44
More Laboratories Engineers Join Armed Forces	Sept.	23	Easton, William H., It's the Fire That Matters—Not the Fire Bomb.....Aug.		15
New A.G.A. Officers Are Nominated	Sept.	42	Espy, Craig, Carburiize With Butane for Tough Sucker Rod Couplings.....Sept.		17
Agricultural Uses			Espy, Craig, Keyed to War: What the Government Wants, What the Industry Can Do.....Feb.		14
Butane Brooders Guard Chicks Against Sub-Zero Weather, by John D. Mueller	Nov.	17	Espy, Craig, Lack of Equipment Causing Heavy Losses of Butane.....June		21
Chicken Mortality Lowered by Brooding With LP-Gas.....Apr.		66	Espy, Craig, Texas Dealers Are Forming State-Wide Association.....Apr.		38
Rice Growers Use Butane to Solve Drying Problems	Aug.	13	Espy, Craig, 24 Miles of Mains Supply Gas to 760 Consumers.....Oct.		38
Appliances			Felt, H. E., Red Flannels?.....Nov.		7
LP-Gas Counter Appliances Build Domestic Load	Aug.	50	Flanagan, Robert L., Machinery Plant Using Butane Meets Natural Gas Competition	Nov.	38
New War Standards for Gas Water Heaters Available	Oct.	52	Geroy, B. D., Servicing Present Customers	Jan.	9
Rural Electric Lines Help Sell LP-Gas Appliances	Jan.	58	Hall, O. D., Butane Cooks 900 Meals Daily at Cherokee Female Seminary	Oct.	18
Authors			Hall, O. D., Butane Powers Trucks for Oklahoma Water Project	Apr.	45
Abramson, Louis, Jr., Providing Service—With Pay	July	7	Hall, O. D., Cylinder Pick-Up System Makes Cash Register Click Faster	Jan.	80
Ainlay, J. A., Nebraska Uses Propane Gas in Traveling Laboratories.....Jan.		25	Hall, O. D., Oklahoma School Authorities Put LP-Gas at Head of Class	Feb.	37
Albright, J. C., Hydrogen Sulphide Removed from LP-Gas by Fractionation	Feb.	27			

Authors—Continued	Page
Hardie, R. G., How One Firm Operates Under Wartime Restrictions.....Nov.	12
Hardie, R. G., Nine Ways in Which Propane Is Fighting the War....Dec.	13
Haynes, James F., Machinery Plant Using Butane Meets Natural Gas Competition	38
Hoagland, Walter H., Digging in for the War	6
Joplin, W. T., Butane Weed Burner Patrols 150 Miles of Arizona Canals	12
Joplin, W. T., Merchandising Appliances in an Arizona Market.....Feb.	64
Kerr, A. N., There's a Bright Side, Too	8
Kunkel, Fred E., Defense Plant Utilizes Butane to Speed Up Drying Process	74
Lady, Paul, Butane Powered Shovels Load Scrap Iron for War Needs	49
Lady, Paul, Pacific Coast Section Looks to the Future	14
Lady, Paul, Transportation, Manpower Are Industry's Big Problems.....Dec.	15
Lowe, William F., Better Outlook for LP-Gas	6
Mavity, Victor T., Accuracy in Keeping Records Builds Customer Goodwill	17
McDaniel, Ruel, No RUTS for This Sales Force	50
Mills, Ellsworth L., Let Us Face the Facts	7
Mueller, John D., Butane Brooders Guard Chicks Against Sub-Zero Weather	17
Oberfell, G. G., Industry Hits New Highs in '41	31
Petty, W. G., Jr., The "Over-Forties" Put Over Sales	84
Rhodes, J. L., Butane Provides Home Comforts to 26,000 Officers and Men	60
Russell, Chas. O., Mark Time—March!	7
Schlumbohm, Dr. Peter, Refrigerant Cycle of Propane Prior to Combustion	20
Schwafel, John V., Standby Capacity to be Doubled at Palo Alto, Calif., Plant	23
Sorby, E. Carl, LP-Gas Counter Appliances Build Domestic Load.....Aug.	50
Spooner, Harry L., What's Up-Hill Fighting If the Dealer Wins?....Jan.	34
Taylor, Elliott, Baby Food Must be Pure So Propane Gets the Job.....Feb.	17
Taylor, Elliott, Eastern Shore Gas Corp. Uses Three Distribution Methods.Mar.	14
Taylor, Elliott, 1941 Sales Increase, 38%	13

Authors—Continued	Page
Turner, C. C., The Bottled Gas Manual, Chapters 7-16 (See "Education") beginning	47
Wade, Henry N., The Qualities That Win Wars	9
Weeks, W. O., "Without Service Your Customer Doesn't Have a Thing!"	29
Wickstrom, Harold W., No Shortage of Butane	12

Automotive (See "Butane Power")

B

Bulk Plants, Filling Plants

Butane Gas Sales Co. Doubles Denton, Texas, Bulk Capacity	70
Commercial User Becomes Dealer.....June	60
Hugh Knox Buys Bottle Gas Filling Plant in Vega, Texas.....Jan.	96
Protane Corp., Erie, Pa., Buys Assets of American Gas Service.....Feb.	29
Skelgas Erects Two Bottling Plants in Minnesota	86
U. C. Roney Opens New Plants in Corsicana and Ennis, Texas.....Jan.	84
Washington Power & Gas Co. to Operate LP-Gas Plant in Pasco.....Jan.	85
White Gas Co. Purchases Hydrogas Franchise	94

Butane Power (Automotive)

Air-Fuel Ratio Instruments.....Jan.	66
Auto and Oil Industries Set Up New Organization	70
Butane Powered Shovels Load Scrap Iron for War Needs, by Paul Lady	49
Butane Powers Trucks for Oklahoma Water Projects, by O. D. Hall....Apr.	45
Butane Trucks Join Russian Offensive	47
Farm Bureau Makes Gas Plea for 30,000 Tractor Owners	35
G. L. McBride Installs Bulk Storage Tank at Blythe, Calif.Jan.	96
Heavy Equipment Costs Lowered When Butane Installed	57
Jap and Insect Invasions Both Look Alike to Butane Sprayers.....July	47
Logging with Butane: Fire Hazard, Cost, Lower; More Power.....May	45
LP-Gas Equipment Company Builds Aircraft Supercharger	46
New Butane Truck Fleet Will Serve Drilling Rigs	76
Oil Operators Like Butane.....Sept.	54
Propane Powers Midwest Fleet.....Feb.	72
Safety Provisions Feature New Dispensing Station	68
Vertical Storage Features Station..May	62

C	Page
Central and Standby Plants	
Bend, Oregon, Installs New LP-Gas Plant	Mar. 80
Butane Replaces Natural Gas in Town of Mobton, Wash.	Jan. 94
Cairo, Ill., Now Uses Butane-Air	Mar. 29
Exhausted Natural Gas Area Has Complete LP-Gas Service	Aug. 62
Propane Will Aid Ontario in Averting Gas Shortage	Jan. 33
Standby Capacity to be Doubled at Palo Alto, Calif., Plant, by John V. Schwafel	Jan. 23
Standbys Underwrite Gas Supply	Aug. 38
24 Miles of Mains Supply Gas to 760 Customers, by Craig Espy	Oct. 38

Commercial Installations

Building Your Gas Load With Commercial Cooking and Baking, by E. C. Brandt	Apr. 17
Butane Weed Burner Patrols 150 Miles of Arizona Canals, by W. T. Joplin	Oct. 12
Acetylene, Kerosene Give Way to LP-Gas	Jan. 54
Mobile Kitchens Serve 1500 Meals Daily	Aug. 56
Propane Replaces Gasoline in Evaporated Milk Plant, by C. B. Beaulieu	Jan. 42
Texas Cafe Owner Saves \$20 Monthly with Butane	Oct. 68

E

Education

The Bottled Gas Manual, by C. C. Turner	
Chapter 7, Regulations. Selecting and Installing the Gas Regulatory and Storage Equipment	Jan. 47
Chapter 8, Laying Out and Running the LP-Gas Pipe Line	Feb. 47
Chapter 9, Testing for Leaks and Adjusting Atmospheric, or Bunsen, Burners	Mar. 30
Chapter 10, Part 1, The Fundamentals of Thermostats	Apr. 29
Chapter 10, Part 2, The Fundamentals of Thermostats	May 22
Chapter 11, Pilots and Pilot Controls	June 23
Chapter 12, Atmospheric Burners—Design, Applications	July 22
Chapter 13, Making Appliance Conversions	Aug. 25
Chapter 14, Interesting Facts About Water Which Concern Water Heaters	Sept. 24
Chapter 15, Part 1, Types of Water Heaters	Oct. 22
Chapter 15, Part 2, Types of Water Heaters	Nov. 21

Education—Continued

Chapter 16, Part 1, Selecting and Installing the LP-Gas Water Heater	Dec. 33
Eastern Shore Gas Corp. Uses Three Distribution Methods, by Elliott Taylor	Mar. 14
How Cylinders Are Retested, by George W. Dotson	Oct. 44
Nebraska Residents Find Butane Economical Fuel for Heating	Sept. 38
Refrigerant Cycle of Propane Prior to Combustion, by Dr. Peter Schlumbohm	Feb. 20
Third Edition of Handbook Now Being Distributed	Sept. 40

I

Industrial

Air Dehumidifiers Improve Candy Packing and Storing	Jan. 31
Baby Food Must be Pure So Propane Gets the Job, by Elliott Taylor	Feb. 17
Butane at New Steel Plant Performs Important War Job	Dec. 18
Butane Chosen for Fuel for Preheating Coke Ovens	Oct. 62
Butane Does Emergency Job at Arkansas Cotton Oil Mill	Jan. 29
Carburize With Butane for Tough Sucker Rod Couplings, by Craig Espy	Sept. 17
Defense Plant Utilizes Butane to Speed Up Drying Process, by Fred E. Kunkel	Feb. 74
Machinery Plant Using Butane Meets Natural Gas Competition, by Robert L. Flanagan and James F. Haynes	Nov. 38
Nine Ways in Which Propane Is Fighting the War, by R. G. Hardie	Dec. 13

L

Liquefied Petroleum Gas Association and Sections

Dealers Should Use Exceptions to L-86, Says WFB Official	June 64
Keyed to War: What the Government Wants, What the Industry Can Do, by Craig Espy	Feb. 14
LPGA Elects Executive Board	July 21
LPGA Re-Elects Officers	Sept. 21
LP-Gas Association Opens Office in Washington, D. C.	May 58
Pacific Coast Section Looks to the Future, by Paul Lady	Apr. 14
Southern Section, LPGA, Calls Off Annual Meeting	Feb. 104
Transportation, Manpower Are Industry's Big Problems, by Paul Lady	Dec. 15

M **Page**

Measurement of LP-Gas

Accuracy in Keeping Records Builds Customer Goodwill, by Victor T. Mavity	Mar.	17
Nebraska Uses Propane Gas in Traveling Laboratories, by J. A. Ainlay.....	Jan.	25

Miscellaneous

Barges Carry Butane to Avalon.....	Jan.	62
Blood-Plasma Dried and Sealed with Propane for War Needs.....	Oct.	34
Building an Underground Butane Storage Tank	June	39
Cylinder Pick-Up System Makes Cash Register Click Faster, by O. D. Hall	Jan.	80
E. Holley Poe Heads OPC Division.....	July	21
Floating Gas System Serves Atlantic Island Home	Jan.	45
Gas Supplements Seasonal Business	Oct.	50
Hoist Simplifies Cylinder Handling.....	Sept.	56
How Are We Building? A Message for 1942, by Geo. A. Burrell	Jan.	19
How One Firm Operates Under War-time Restrictions, by R. G. Hardie	Nov.	12
LP-Gas Industry Development, by G. L. Brennan	Dec.	20
LP-Gas Serves Desert Castle.....	Jan.	41
Plan Laboratory to Survey Uncharted Hydrocarbon Fields	Jan.	100
Slow Down to Save Rubber and Gas.....	May	19
Times Have Changed, But—Pioneer Firm Still Sells Gas.....	Jan.	16
20 Times More Fires Caused by Electricity Than by Gas.....	Jan.	96
What's Up-Hill Fighting If the Dealer Wins?, by Harry L. Spooner.....	Jan.	34

N

National Defense—Government Camps

Bombings Set Cylinders Adrift.....	Feb.	96
Butane-Equipped Farm Homes Built Near Brawley, Calif.....	Jan.	33
Butane Provides Home Comforts to 26,000 Officers and Men, by J. L. Rhodes	Feb.	60
Dealer Describes Honolulu Bombing.....	Feb.	100
Defense Housing Installations Prove Boon to Eastern LP-Gas Firm.....	Dec.	26
Douglas Aircraft Corp. Installs Butane-Air Plant	Mar.	74
Housing Authority Installs 151 Crown Ranges in New Project.....	Feb.	94
Keep Up Pressure on Air Raid Horns	Apr.	26
LP-Gas Ready for Emergency If Pacific Coast City Bombed.....	July	64
Minnesota Defense Foundry Operates on Butane	Mar.	28

National Defense—Continued **Page**

Propane Blows Warning Horn.....	Feb.	88
San Diego Aircraft Plant Makes Butane-Air Installation	Jan.	100
Shell Is Playing Important Part in War Projects	Mar.	86
To Defeat Air Attack Dangers Learn How to Extinguish Bombs.....	July	50
Warning Horn Is Okayed.....	Mar.	72

Natural Gasoline Plants

Arkansas Gasoline Plants Increase Daily Production	Sept.	62
California Oil District Offers to Aid Rubber Program	June	34
Expands Butane Plant for Aviation Fuel	June	13
Hydrogen Sulphide Removed from LP-Gas by Fractionation, by J. C. Albright	Feb.	27
Isobutane Plant Completed.....	July	78
LP-Gas Production Problems.....	Aug.	41
More Synthetic Rubber from Natural Gasoline	Oct.	31
New Plant Will Manufacture 50,000 Tons Rubber Annually.....	June	13
No Shortage of Butane, by Harold W. Wickstrom	Sept.	12
Oklahoma, Texas Refiners to Build \$10,000,000 Plant	July	76
Plant Doubles Production With Refrigeration Installation	Mar.	64
Shell Chemical Co. Will Build Plant to Manufacture Butadiene	May	72
Shell Makes Butadiene at Deer Park Refinery	June	50
Shell Oil Co. Will Recover Butanes from New Plant	Apr.	33
Two Rubber Plants to Cost 43 Million	July	44
Warren Petroleum Corp. Has New Plant at Madill, Okla.	Apr.	42
Warren Petroleum Will Build 100,000-Gal. Indiana Plant	May	72
Warren Petroleum Will Make Isobutane in Illinois	Jan.	44

O

Organizations

(See Also "Liquefied Petroleum Gas Association")

CNGA Installs New Officers for Coming Year	Aug.	60
CNGA Members Hear Plant Equipment Discussions	Oct.	66
CNGA Will Hold Fall Meeting at Biltmore Hotel, Nov. 6.....	Nov.	58
Dealers Organize in Dallas, Texas.....	Nov.	66
E. L. Mills Elected President of Acetylene Association	Dec.	58
Gas Institute Names New Technical Director	Nov.	63

Organizations—Continued	Page
Gas, Oil—Big War Factors.....	June 56
Gasoline Supply Men Select Officers for New Year	July 72
Lack of Equipment Causing Heavy Losses of Butane, by Craig Espy	June 21
Louisiana Dealers Successfully Sponsor New State Laws.....	Aug. 64
New President of ASME Is Harold V. Coes	Nov. 70
Oil Compact Commission Hears Talk on LP-Gas	Nov. 68
Oklahoma Dealers Plan Cooperation.....	Dec. 64
Natural Gasoline in the War Will be Convention Topic	May 42
Texas Dealers Are Forming State-Wide Association, by Craig Espy.....	Apr. 38
Texas Dealers May Organize.....	Mar. 76
Texas Regional Groups Form Permanent Association, by Craig Espy.....	May 68
Texans Vote Delivery Restrictions.....	July 64
Weights and Measures Men Meet in Bakersfield, Calif.	Nov. 70

R

Regulations, Codes and Laws (See "Safety")

AAI Ratings May Be Applied for Repair and Maintenance	Dec. 60
API Issues Revised Codes of Sampling and Testing	Oct. 54
Appointed WPB Advisers.....	Dec. 60
"Class C" Manufacturers Limited in Production	Dec. 60
Commercial Cooking Equipment Controlled by Order L-182.....	Nov. 56
Commercial Cooking Group Organized by WPB	Nov. 20
Commercial Vehicle Control Ordered by ODT for Nov. 15.....	Oct. 64
Copper from Idle Inventories Keeps War Plants Working.....	Oct. 60
Exceptions Are Being Granted.....	July 60
Formulas Issued to Simplify Pricing of Frozen Materials	Oct. 70
Instructions Issued for Commercial Truck Owners	Dec. 23
Inventories of Tires Required of Commercial Truck Owners.....	Dec. 32
It's Good News This Time.....	June 12
Latest News From Washington.....	July 17
" " " "	Aug. 18
" " " "	Sept. 19
Limits Are Off For Gas Heater Units	Nov. 34
Liquefied Gas Distributor Is Rated as Gas Utility in Texas.....	Jan. 46
LP-Gas Industry Orders.....	July 15

Regulations—Continued	Page
Manufactured Gas Restrictions Do Not Apply to LP-Gas.....	Oct. 56
Mileage Allowances to Supersede Other Truck Orders	Dec. 70
Natural and Manufactured Gas Further Restricted by WPB.....	Dec. 27
New Industry Questionnaires.....	Nov. 56
New Inventory Regulations May Exclude LP-Gas	Oct. 17
New Limitation Order No. L-79 and Industry War News	May 16
New Order: What Dealers Can Do—Form for Exceptions	May 12
Only One Delivery Per Day.....	Nov. 68
OPA Fixes Ceiling Prices On Used Gas Cylinders	Nov. 62
OPA Makes Legal Definition of "Person" for Price Rulings.....	Oct. 17
Pamphlet Now Available on Controlled Materials Plan	Dec. 54
Priorities Eased On Defense Projects	Nov. 64
Production of Cast Iron Boilers Prohibited by WPB.....	Dec. 44
Purchasers of Businesses Bound by Former Prices	Oct. 17
Refrigerator Sales Opened Up by War Production Board	Oct. 16
Retail Dealers' Statements Were Due by Sept. 10	Oct. 64
Ruling Places LP-Gas on Par with Rail Transportation	June 62
Sales Opportunities Broaden for LP-Gas Industry	June 17
Standards Are Revised for Gas Welding Fire Extinguishment	Oct. 58
Stove Thermostats Banned Beginning Christmas Day	Dec. 66
Surplus Inventory Will Cover Servel Refrigerator Parts	Nov. 63
Tank Trucks Exempt From General Order ODT No. 6.....	Oct. 35
Tank Truck Operators Permitted Higher Charges	Oct. 20
The War Is Still On.....	June 14
Truck Regulations Hold Spotlight.....	Dec. 50
WPB Orders Halt Much Electrical Construction	Oct. 31
WPB Rules No Copper for LP-Gas Installations	Oct. 17
WPB Tightens Control Over Gas Cylinders	Nov. 63
W. Walter Timmis Resigns From War Production Board	Nov. 58

S

Safety (Also see "Regulations")

It's the Fire That Matters . . . Not the Fire Bomb, by William H. Easton	Aug. 15
--	---------

Sales
New
Co
Reas
m
Sho
C
Airs
But
Mer
zo
No
Ru
The
by
Prof
str
Trac
You
U
Do
Resc
U
Trac
by
School
Bott
S.
But
ko
Elki
Sc
Mar
Bu
Okla
L
H

JAN

Sales Promotion

New Materials for Appliances May Come With War's End.....Nov.	52
Reasonable Advertising Allowances Permitted Holders of War Contracts.....Nov.	50
Show Your Best Model First, by C. L. Donaldson.....Sept.	22
Airplane Calls Speed Up Sales....Apr.	58
Butane Griddle Brings in Prospects.....Feb.	108
Merchandising Appliances In An Arizona Market, by W. T. Joplin...Feb.	64
No RUTS for This Sales Force, by Ruel McDaniel.....Mar.	50
The "Over-Forties" Put Over Sales, by W. G. Petty, Jr.....Mar.	84
Profits From Direct Sales Pay Demonstration Costs.....Jan.	27
Trade Allowances Influence Sales..Feb.	84
Your Business After the War Hinges Upon Your Plans Now, by Frank P. DeLarzelere.....Feb.	58
Resourceful Dealer Finds New Business Under War Orders.....June	18
Trade Journal Advertising Approved by U. S. Government.....July	66

Schools and Public Buildings

Bottled Gas Installed in Alexandria, S. D., Schools.....Mar.	90
Butane Cooks 900 Meals Daily at Cherokee Female Seminary, by O. D. Hall.....Oct.	18
Elkin's Butane Gas Co. Makes Large School Installation.....Mar.	78
Mariposa, Calif., High School to Install Butane System.....Jan.	106
Oklahoma School Authorities Put LP-Gas at Head of Class, by O. D. Hall.....Feb.	27

Service

"Without Service Your Customer Doesn't Have a Thing!" by W. O. Weeks.....Dec.	29
---	----

Statistics

Army Camp LP-Gas Needs Boost 1941 California Sales.....July	42
California August Production Totals 12,138,000 Gals.....Nov.	20
California Produced 43,000,000 Gals. of Natural Gasoline in June.....Sept.	18
LP-Gas Production Decreased But Demand Expanded in July.....Nov.	64
California Production Rate Is Gaining.....Oct.	60
Industry Hits New Highs in '41, by G. G. Oberfell.....Feb.	31
LP-Gas February Production Less Than for January.....May	70
LP-Gases Gain in September Production.....Dec.	28
LP-Gas Production Declines in Texas.....Sept.	66
Natural Gasoline Production Increases to 219,000 Bbl. Daily.....Oct.	60
1941 Domestic Sales Up 65%—Total Volume Gains 48%.....July	12
1941 Sales Increase, 38%, by Elliott Taylor.....Jan.	13
October Production in West Almost Doubles 1940 Figure.....Jan.	54
Production Gains on West Coast..Mar.	78
Production of LP-Gas Increases in January.....May	56

T

Transportation

Tank Car Conversions Will Ease LP-Gas Transport Problems.....Apr.	62
---	----